

Title (en)  
Device for examining eyes

Title (de)  
Augenuntersuchungsgerät

Title (fr)  
Appareil d'examen des yeux

Publication  
**EP 2314205 A1 20110427 (DE)**

Application  
**EP 09405185 A 20091023**

Priority  
EP 09405185 A 20091023

Abstract (en)  
The microscope (100) has control modules (112, 113.1) connected with a supply line for supplying electrical energy. The modules are connected with a communication device (110) for transmitting and receiving data e.g. control data and measuring data, over the supply line, where the communication device is attached at the supply line. The communication device comprises a coupler that couples data in the supply line and uncouples data from the supply line by RS232interface. A transformer (104) and lighting devices (111.1 - 111.4) with an LED are provided in the modules.

Abstract (de)  
Die Vorrichtung zur Untersuchung und/oder Behandlung eines Auges, insbesondere ein Spallampenmikroskop, umfasst eine Versorgungsleitung und ein Modul. Das Modul ist zur Versorgung mit elektrischer Energie mit der Versorgungsleitung verbunden. Das Modul umfasst eine an die Versorgungsleitung angeschlossene Kommunikationsvorrichtung zum Senden und/oder Empfangen von Daten über die Versorgungsleitung.

IPC 8 full level  
**A61B 3/13** (2006.01); **A61B 3/135** (2006.01)

CPC (source: EP)  
**A61B 3/132** (2013.01); **A61B 3/135** (2013.01)

Citation (search report)  
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• [X] JP 2008034385 A 20080214 - PHILIPS SOLID STATE LIGHTING  
• [X] WO 2008106590 A2 20080904 - DOHENY EYE INST [US], et al  
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• [X] WO 2008136779 A1 20081113 - OPTOTEK D O O [SL], et al  
• [A] WO 2005044098 A1 20050519 - WELCH ALLYN INC [US], et al  
• [A] US 2006139572 A1 20060629 - NODA TORU [JP], et al

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2314205 A1 20110427; EP 2314205 B1 20160525**

DOCDB simple family (application)  
**EP 09405185 A 20091023**